INTER-PLUS

Installation and User Manual

Fully assembled luminaire

Installation: surface

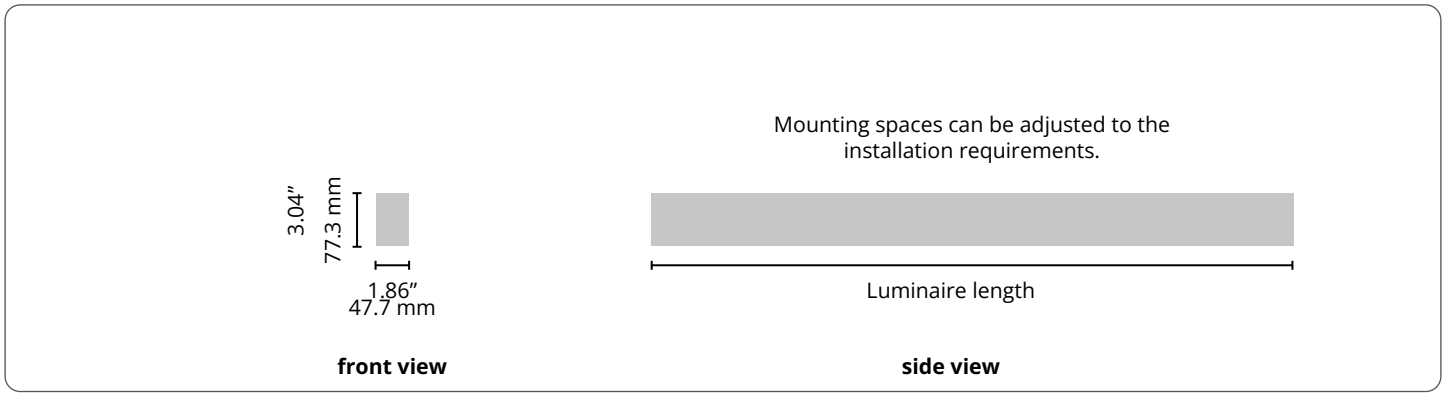
CE • LVD • EMC • RoHS

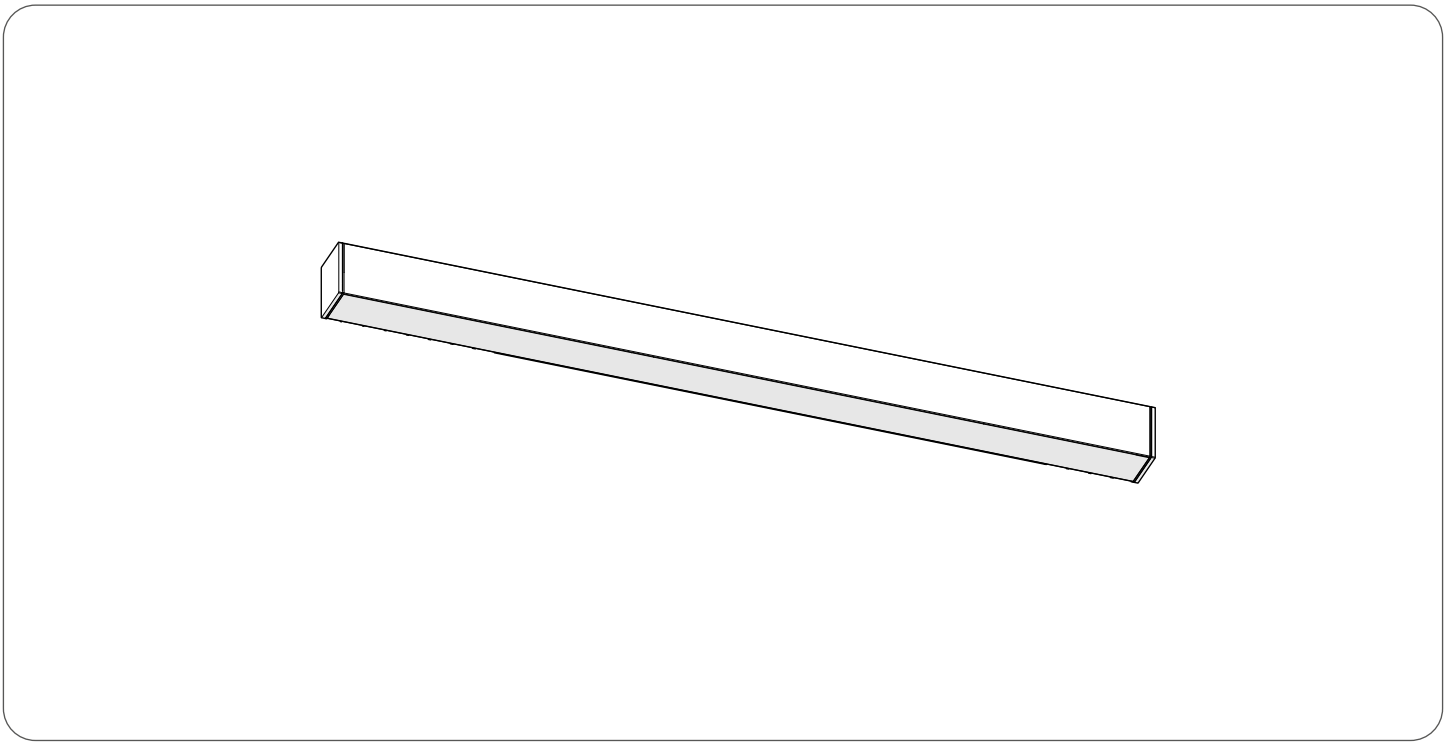
120V / 277V AC

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DIMENSIONS:



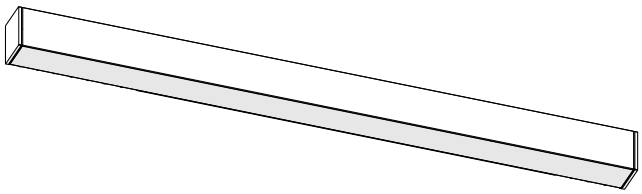


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INTER-PLUS

is a ready-made lighting luminaire designed for surface mounting. The manual describes the standard mechanical installation and electrical connection of the luminaire.



THE SET INCLUDES:

- INTER-PLUS Luminaire (ready-made)
- Suspension elements / mounting hardware (according to configuration)
- Manual

SET DOES NOT INCLUDE

- Screws and dowels selected for the substrate (not always included)
- Control elements (if present in the luminaire version)

REQUIRED TOOLS

- Drill
- Bubble level
- Screwdriver

SAFETY

- Disconnect the power supply before installation, cleaning, and servicing.
- Installation and connection should be performed by qualified personnel.
- Do not modify the luminaire. Use only compatible components.
- Do not use the product if it is damaged.

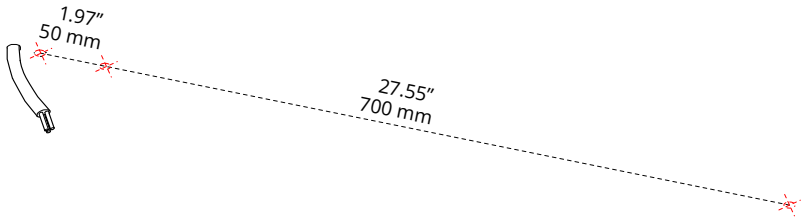
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Installation – site preparation

- Determining the fixing points and preparing the power supply cable.

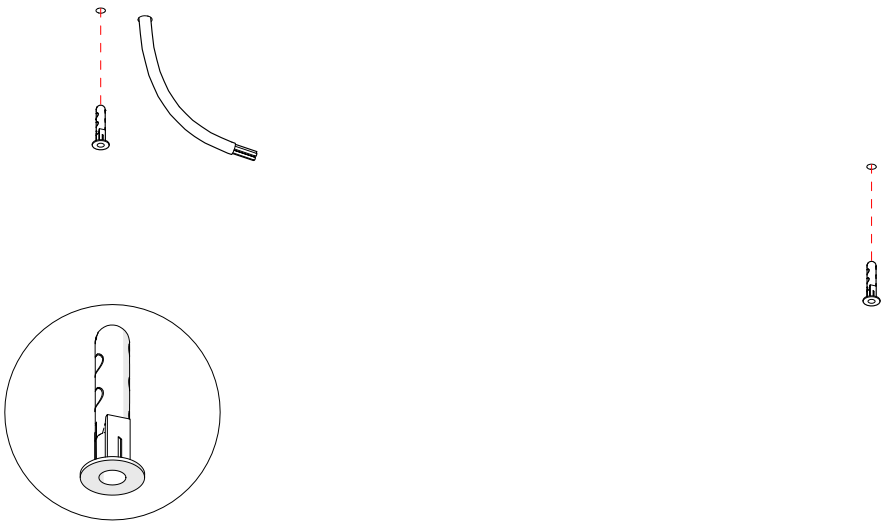
Step 1 - Determine the mounting points

- Place the mounting base against the ceiling.
- Determine the drilling locations according to the mounting holes.
- Check the position of the power supply cable.



Step 2 - Drill holes and fix the mounting elements

- Drill holes at the marked points.
- Use wall plugs appropriate for the substrate.



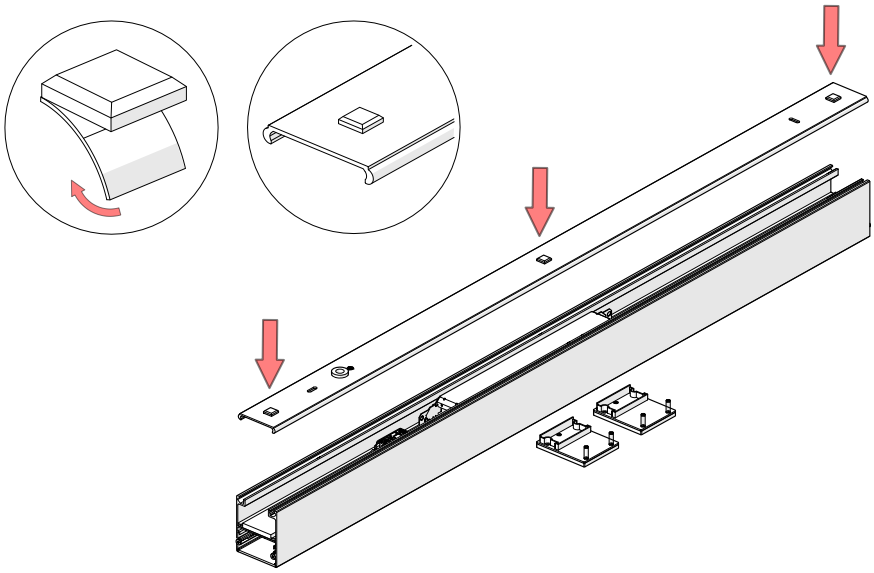
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Fixing the luminaire base

- Stable attachment of the load-bearing element to the mounting surface.

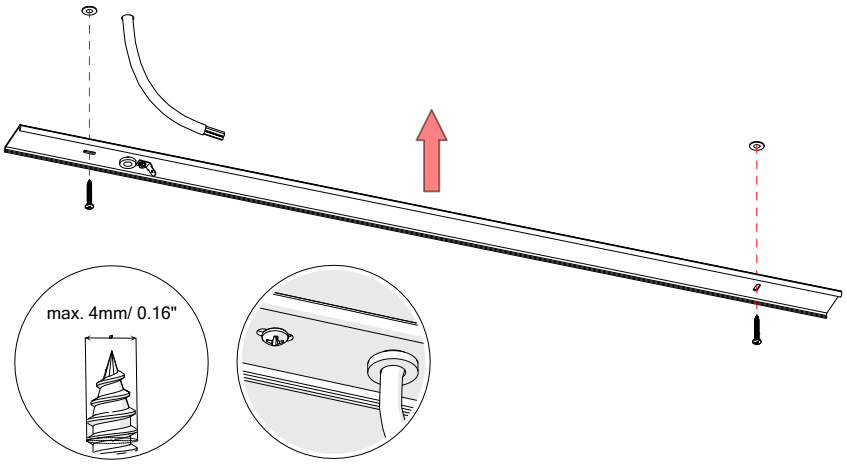
Step 1 - Prepare the mounting base

- Fix the end elements of the base according to the drawing.
- Install the module in the designated location of the base.
- Check the correct seating of all elements before installing the base to the surface.



Step 2 - Attach the base to the mounting surface

- Route the power supply cable through the prepared grommet.
- Position the base at the installation site.
- Screw the fixing elements into the prepared mounting points.
- Check that the base tightly adheres to the mounting surface.



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Electrical connection

- The luminaire operates on 24V DC supplied by an external (remote) driver.
- Mains voltage 120V / 277V AC, 50/60Hz must be connected to the remote driver only.
- Only the 24V DC output from the remote driver is connected to the luminaire.

RECOMMENDATIONS

- Ensure the mains supply is connected to the remote driver.
- Connect only the 24V DC output to the luminaire.
- Switch off the power supply before installation or maintenance.
- Ensure all connections are secure and cables are not under tension.

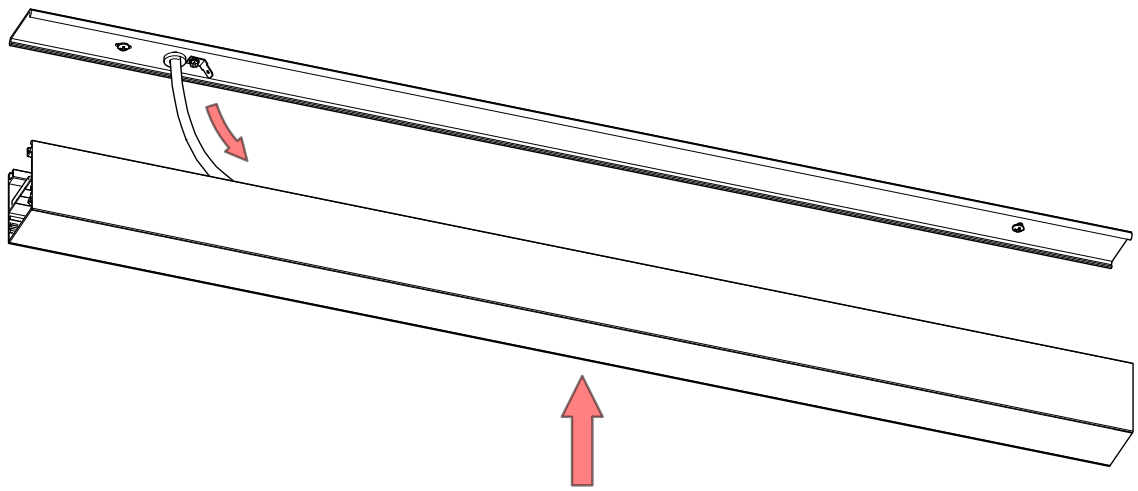
WIRING DIAGRAM

- The luminaire is supplied with a factory-prepared cable terminated with a 2-pin terminal block.
- 24V (+) – Positive (DC+)
- 0V (-) – Negative (Blue wire)
- Connect the 24V DC output from the remote driver to the corresponding terminals of the 2-pin connector.

  * Observe correct polarity. Incorrect connection may damage the luminaire.

Step 1 – Connect the Wires to the Terminal Block

- Connect the 24V DC output from the remote driver to the supplied 2-pin terminal block.
- Match the polarity correctly: 24V (+) to positive(brown or red), 0V (-) (blue or black wire) to negative.
- Ensure all connections are secure and no conductors are exposed.
- Make sure the cable is not under tension after connection.
- Remove any excess cable slack to prevent strain on the terminals.



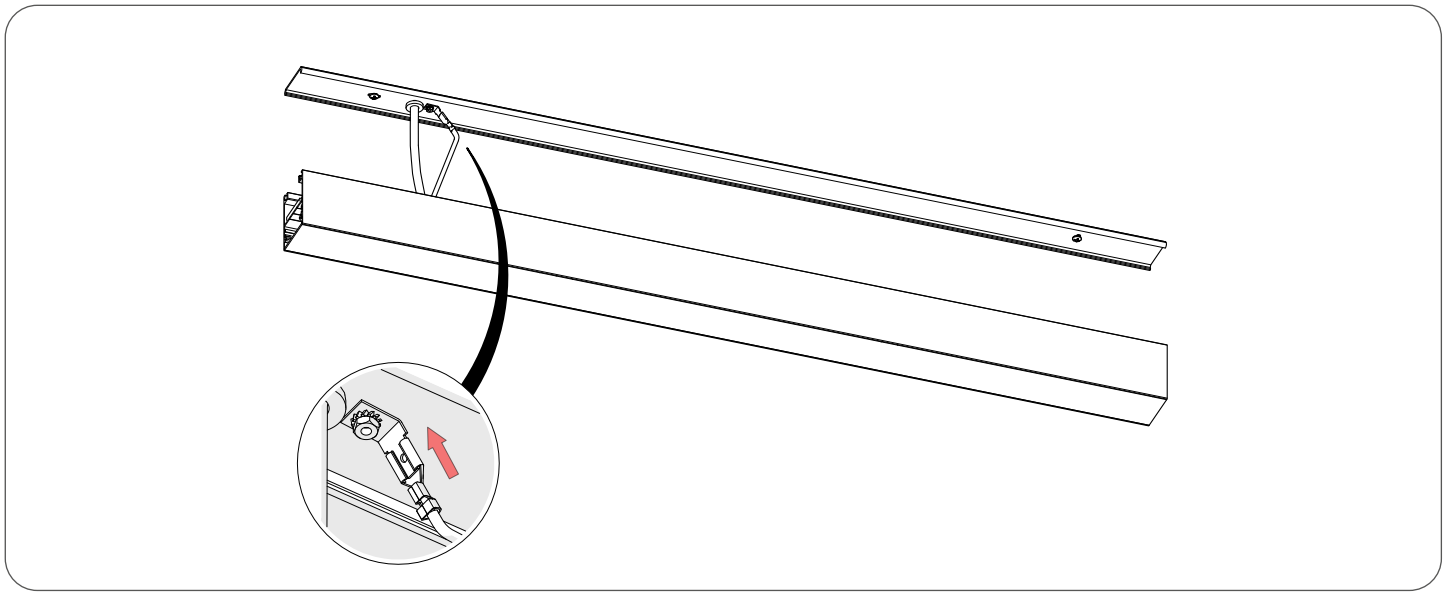
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Fitting the luminaire body

- Attaching the light body to the previously installed base.

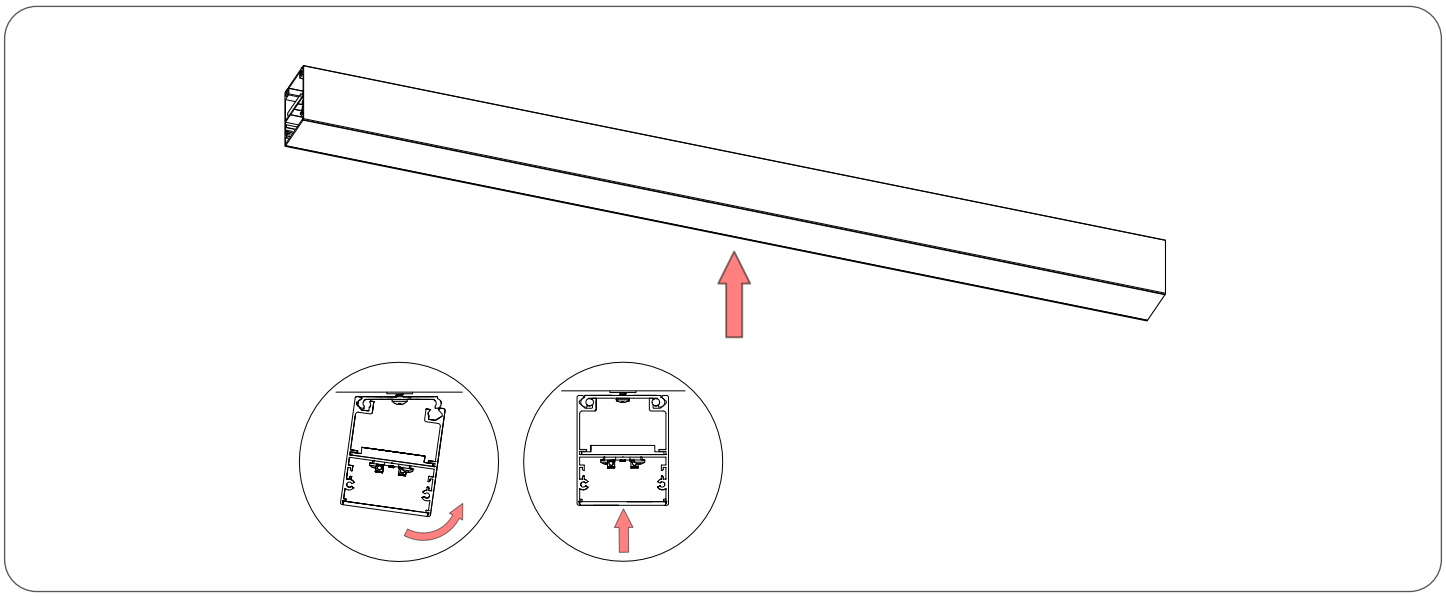
Step 1 - Connect the protective cable and prepare the luminaire placement

- Before fixing the luminaire body, connect the protective cable (grounding) according to the drawing.
- Make sure the connector is properly plugged in and secured.



Step 2 - Attach the luminaire body

- Slide the luminaire body onto the base according to the drawing.
- Align the position of the element. Press until fully seated.



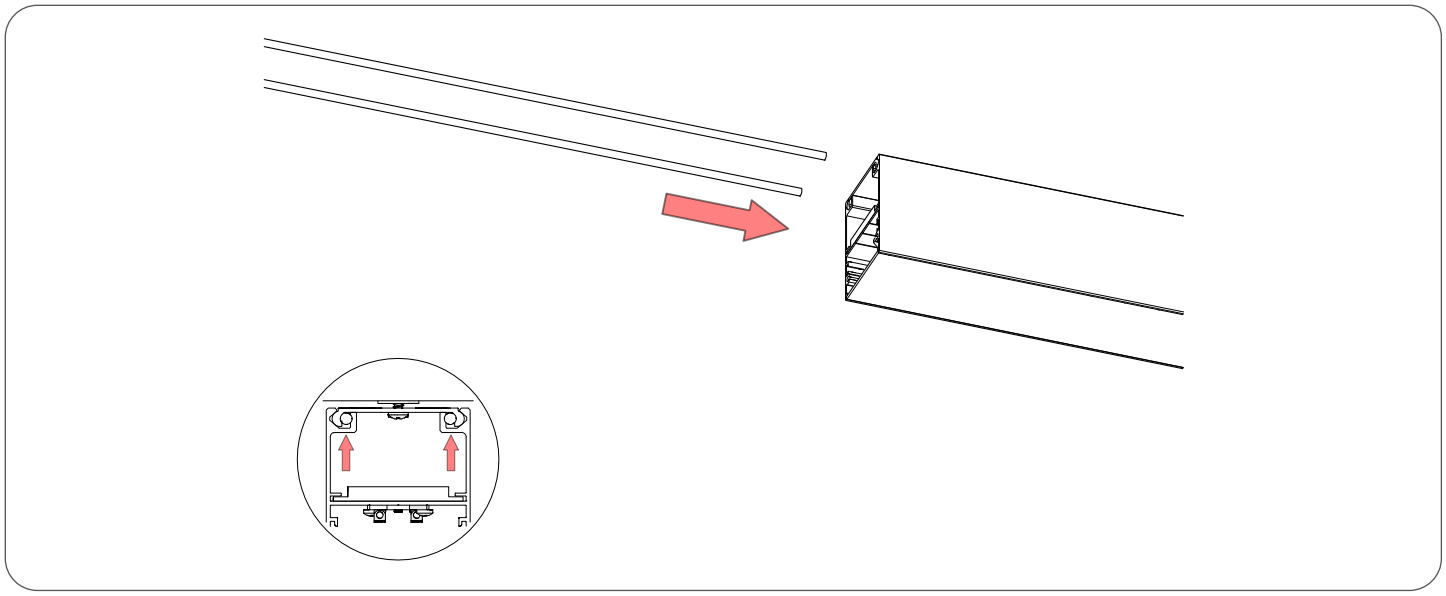
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Finishing the installation

- End caps/end elements and final security of settings.

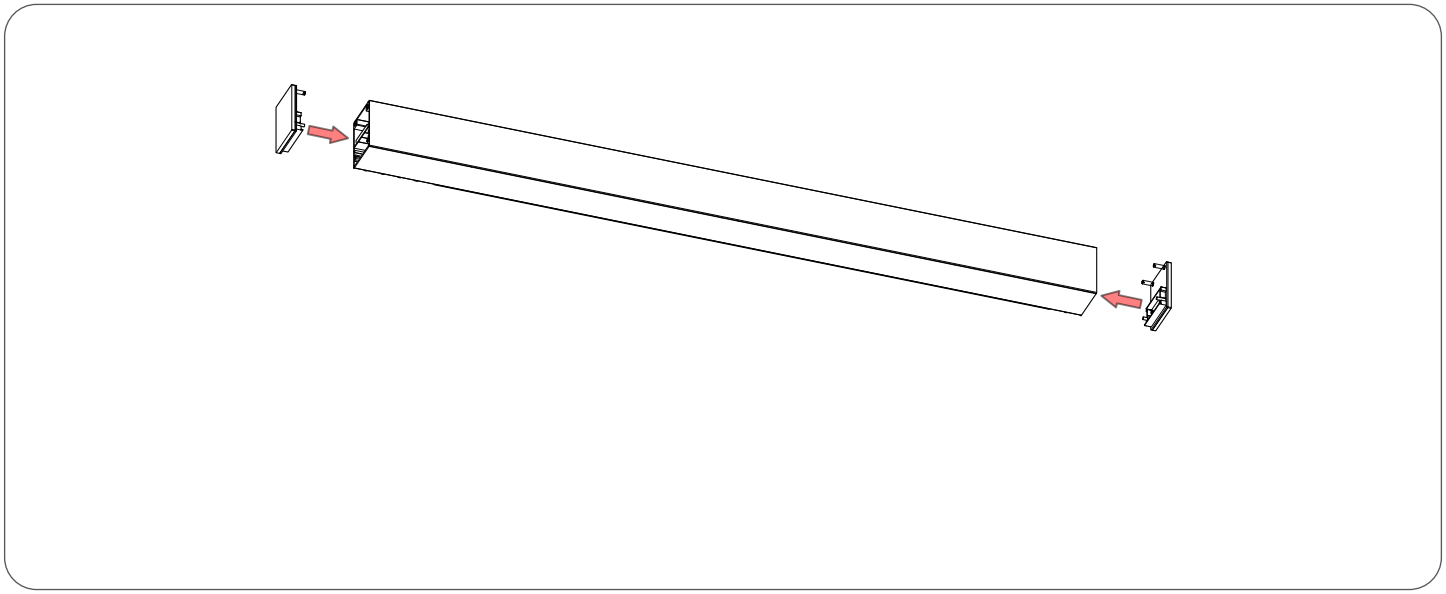
Step 1 - Install the locking rods

- Insert the locking rods into the prepared holes located in the luminaire body, according to the drawing.
- Slide the elements until fully seated to properly secure the structure against sliding out.
- Make sure both rods are installed symmetrically and stably seated.
- Check that the luminaire body is correctly secured against accidental detachment.



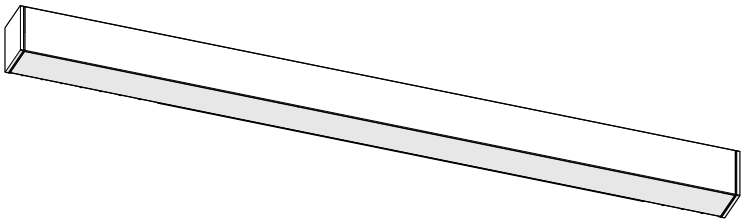
Step 2 - Install the end caps

- After finishing the installation, slide the end caps into both ends of the luminaire according to the direction shown in the drawing.
- Press the elements until fully seated, so that they fit evenly against the body.



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Maintenance, disposal, USA compliance



CLEANING:

- Clean with a dry or slightly damp cloth.
- Do not use abrasive cleaners or aggressive chemicals.

DISPOSAL

- Do not dispose of with household waste.
- Return to a collection point for electrical and electronic equipment.

COMPLIANCE

- This product complies with applicable EU directives and relevant standards (including PN-EN 60598-1).
- For the USA market, the product must be installed in accordance with the National Electrical Code (NEC)
- and local regulations.

*** LUMINAIRE DISASSEMBLY**

Disassembly must be performed in reverse order of installation.
All operations must be carried out with the power supply switched off.

WARNING!

BEFORE STARTING DISASSEMBLY, DISCONNECT THE MAINS POWER SUPPLY (120V / 277V AC) TO THE REMOTE DRIVER.
ENSURE THE LUMINAIRE IS PROPERLY SUPPORTED DURING REMOVAL TO PREVENT IT FROM FALLING.

- Switch off the power and verify that no voltage is present in the circuit.
- Disconnect the 24V DC supply from the 2-pin terminal block.
- Support the luminaire and release it from the suspension system.
- Loosen the adjustment mechanism and remove the suspension cables, if applicable.
- Remove the ceiling mounting hardware (screws, anchors), if required.

After completing disassembly, secure the installation wiring in accordance with applicable regulations.

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